



Q83539

RESIN-COATED STEEL PLATE AND PRESS-FORMED CAN USING THE SAME

1. Technical Field:

[01] The present invention relates to a resin-coated steel plate and a press-formed can using the same. More specifically, the invention relates a resin-coated steel plate comprising a surface-treated steel plate without using hexavalent chromium in the step of production and exhibiting excellent work adhesion properties and corrosion resistance and capable of being press-formed into a can adapted to containing even highly corrosive contents, and to a press-formed can.

2. Background Art:

[02] There has heretofore been used a two-piece can having a can wall and a can bottom molded integrally together without a junction portion in the can wall as a metal container for containing foods, beverages and aero sols. The two-piece can is formed through severe workings such as draw-ironing, draw working followed by stretch working, or draw working followed by stretch working and, further, ironing working (stretch-ironing).

[03] The two-piece can has been produced by using a resin-coated steel plate obtained by coating a steel plate with a resin. From the standpoint of adhesion between the steel blank and the resin coating, work adhesion properties and corrosion resistance after the working, in particular, an

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

VERIFICATION OF TRANSLATION

In the Matter of Application for
Letters Patent by Matsubayashi et al.
U.S. Serial No. 10/507,013
Filed: September 8, 2004

I, Keiji Tokieda, of 2-20-204, Kaitori 2-chome, Tama-shi,
Tokyo, Japan, a translator, being duly sworn, depose and say:

1. That I am well acquainted with the Japanese and English languages; and
2. That the attached translation is a true translation into English of the Certified copy of the Japanese Patent Application No. 2002-64127 filed on March 8, 2002.
3. That all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 USC 1001, and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: November 2, 2005


Keiji Tokieda

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